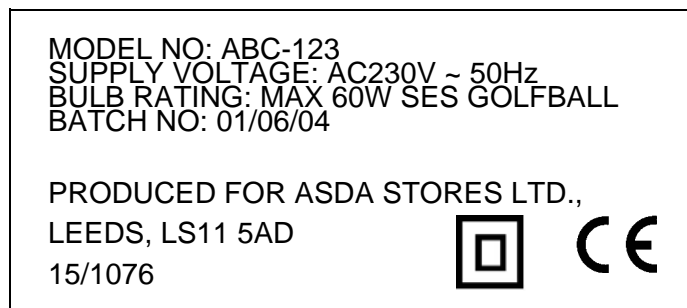




TECHNICAL REQUIREMENTS LIGHTING

Product Markings

1. **All Electrical Lighting Products**, such as Table Lamps, Floor Lamps, Ceiling and Wall Lights are required to be marked with a permanently attached rating label. An example of a typical rating label is shown below:



Notes :

The “Model Number” is the unique identifier that the supplier knows the product as.

The “Supply Voltage” is fixed for the UK market, and should be detailed as above (unless the product is to be operated from batteries only).

The “Bulb Rating” refers to the maximum rated wattage of bulb that can be fitted, the bulb shape/style that should be used, and the Bulb cap fitting type.

The “Batch Number” is a unique code that the supplier would use to refer to the individual manufacturing batch that this product was made in.

The “Asda spec code” (that appears under the Asda address) are unique to each product, and the details of these will be supplied by the Asda Development Technologist.

The “CE” mark must appear on all electrical products.

The “Double Insulation” symbol, shown in the example above, must appear on Class II products (i.e. having no earth connection).

In addition to the above label, a ‘Bulb/Wattage’ label (see an example of an appropriate design below) is also required to be fitted to cup of the lamp holder of all Lamps and fixed installation lighting. This label must denote the maximum permitted wattage of bulb applicable to the supplied product, the preferred bulb style and the required bulb cap fitting type.



This label type must also be fitted to all standalone shades and the shades of all lamp products.

2. **All electrical lighting chain products** (e.g. Christmas Lights & Pre-lit trees) must be marked with the following style or permanently attached Rating Label. Examples are as below;-

ASDA PRODUCTION SPEC CODE:106/100 PRODUCT DESCRIPTION: 20 SMARTPRICE INDOOR LIGHTS CLEAR DO NOT REMOVE THIS LABEL, FOR INDOOR USE ONLY	
Rated Voltage :230-240V AC ~ 50Hz Nomal Bulb Rating: 19X13V/0.84W Fused Bulb Rating: 1X13V/0.78W(white painted tip) Rated wattage of complete chain :16.7W Approximate Replace normal bulb with 13V/0.84W and fused bulb with 13V/0.78W.	  
WARNING: 1) DO NOT CONNECT THE CHAIN TO THE SUPPLY WHILE IT IS IN THE PACKAGING. 2) DO NOT CONNECT THIS CHAIN ELECTRICALLY TO ANOTHER CHAIN. 3) DO NOT REMOVE OR INSERT BULBS WHILE THE CHAIN IS CONNECTED TO THE MAIN SUPPLY. 4) REPLACE FAILED BULBS IMMEDIATELY BY BULBS OF THE SAME RATED VOLTAGE AND WATTAGE TO PREVENT OVERHEATING; DO NOT REPLACE A FUSED BULB (WHITE PAINTED TIP) WITH NON-FUSED BULB. 5) ENSURE ALL LAMP HOLDERS ARE FITTED WITH A LAMP. 6) THE EXTERNAL FLEXIBLE CABLE OR CORD OF THIS LUMINAIRE CANNOT BE REPLACED, IF THE CORD IS DAMAGED, THE LUMINAIRE SHALL BE DESTROYED.	
70-006N(RL-20F)	Produced for ASDA stores Ltd. Leeds LS11 5AD
08.2006	

50 LED Lights - Blue	IMPORTANT: DO NOT REMOVE THIS LABEL	24Hr Bulb Hotline: 020 8624 5656
<ul style="list-style-type: none"> ◆ Use this product only with the transformer supplied. ◆ Do not connect directly to the mains without a transformer. ◆ This product can be used Indoors and Outdoors, but please ensure that the transformer is plugged into the mains supply indoors, not outdoors, or in damp conditions. ◆ Important - Bulbs are not replaceable. ◆ The cable of this product cannot be replaced, if it is damaged, the product must be destroyed. 	LED: 3.4V 0.065W <i>cannot be replaced</i> Rated Voltage / Wattage: AC36V~50Hz 3.25W Spec Code: 106-146 2006 Batch: BAY	
	   	
Produced for Asda Stores Ltd. Leeds LS11 5AD		

3. All mains powered electrical lighting chain products (e.g. Christmas Lights & Pre-lit trees) must be supplied with the following setup and warning information, either on the outer packaging or on an additional supplied instruction sheet:-

Setting Up Your Lights

Please follow these instructions carefully to ensure safe and satisfactory operation of this light set.

- Please test your light set before putting them onto your tree.
- Carefully remove the lighting set from its packaging.
- Before using for the first time, please make sure that the bulbs are firmly pushed into their holders.
- DO NOT twist the lamps, as this will result in damage to the lamp contacts.
- Make sure that the cable is completely unravelled and that there are no twists or snags in the cable.
- Position the cable so that it does not present a snagging or tripping hazard.
- This light set is powered by a mains transformer adaptor. Only use the light set with the transformer adaptor that has been supplied. Use of another transformer could damage your light set. This transformer adaptor **MUST ONLY BE PLUGGED INDOORS**. Connect the light set to the supplied transformer adaptor and plug the adaptor into a suitable mains supply socket.

Warnings

- These lights are designed for INDOOR USE ONLY.
- Make sure that the wire cable has been unravelled before switching on.
- Ensure that the cable does not pose a trip or snagging hazard.
- Do not operate this light set while still in its packaging.
- Do not connect this chain of lights electrically to another chain of lights.
- Disconnect from the mains supply before removing or inserting bulbs and when the light set is not in use.
- Take care not to damage the cable or fittings.
- If the cable is damaged, it cannot be repaired and the light set must be destroyed.
- Do not allow any plastic part to come in contact with heat or a naked flame.
- Failed bulbs should be removed and replaced immediately with a bulb of the same rated voltage and wattage (see panel for details).
- All bulb holders must be fitted with a bulb.
- Fused bulbs must NEVER be replaced with a normal (non-fuse) bulb or twinkling bulb.
- The use of incorrect bulbs may cause a hazard.
- Do not attempt to twist these push-in lamps.

- This seasonal product is not intended for permanent installation or use.
- Retain these instructions for future reference.

Bulb Replacement

This light set incorporates a fuse bulb which has a white coloured tip. The whole set will go out if this bulb fails. This bulb must NEVER be replaced with a normal (non-fuse) bulb or twinkling bulb.

If one of the bulbs has failed, it needs replacing immediately with a bulb of the same rated voltage and wattage in order to stop the light set from overheating (see technical panel for details).

- Unplug the light set from the mains supply.
- Using care, grip the failed bulb as close to the plastic base as possible and pull straight out.
- Hold the replacement bulb by its base and insert fully into the correct position inside the socket.
- Do not twist the bulb .

Technical Panel

Total Number of Bulbs in Chain - 100

Normal Bulb Rating - 2.5V 0.14A 0.35W

Fuse Bulb Rating - 2.5V 0.12A 0.3W

Total Wattage of light chain - 35W (approx.)

Distance from mains plug to first bulb - 2m (approx.)

Distance from first bulb to last bulb - 12.3m (approx.)

Spare bulbs included - 5 normal, 1 fuse.

Note: the technical panel information will have to be amended as appropriate for the bulbs used within the Lighting chain.

If the product is to be powered by a supplied transformer, the Technical Panel must also contain details of any transformer ratings and model numbers:-

Transformer model number - DB-05-24D 41/9

Transformer input voltage: AC230-240V ~50Hz 70mA

Transformer output voltage: DC24V max 5VA.

If the lighting chain is fitted with 'non-replaceable bulbs' then the Bulb Replacement information is not required.

4. All battery powered electrical lighting chain products (e.g. Christmas Lights) must be supplied with the following setup and warning information, either on the outer packaging or on an additional supplied instruction sheet:-

Setting Up Your Lights

Please follow these instructions to ensure safe and satisfactory operation of this light set.

This product is powered by 2 x 1.5V size "AA" batteries (not included).

- Carefully remove the lighting set from its packaging.
- Make sure that the cable is completely unravelled and that there are no twists or snags in the cable.
- Position the cable so that it does not present a snagging or tripping hazard.
- Note: This product contains non-replaceable bulbs.

Warnings

- This is a decoration and not a toy. Keep out of reach of babies and young children.
- These lights are designed for INDOOR USE ONLY.
- Battery leakage can cause corrosion and damage to this product.
- Remove exhausted batteries from the light set immediately.
- Remove the batteries from product during periods of non-use.
- Replace only with "AA" type batteries.
- Only batteries of the same or equivalent type as recommended should be used.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- Batteries should be inserted with the correct polarity.
- Avoid short circuiting the terminals of the batteries.
- Non-rechargeable batteries should not be recharged.
- Dispose of batteries safely. Do not attempt to burn them. Use collection points where available.
- Make sure battery compartments are secure.
- This seasonal product is not intended for permanent installation or use.
- Retain these instructions for future reference.

Battery Replacement

Push the on/off switch to the "off" position.

Remove the retaining screw with a small Philips screwdriver (not supplied).

Slide open the battery cover.

Remove the old batteries and dispose of safely.

Insert new batteries into the compartment according to the diagram on the inside of the battery compartment.

Refit cover and refit retaining screw.

Technical Panel

Total Number of Bulbs in Chain - 20 (non replaceable)

Total Wattage of light chain - 0.8W (approx.)

Distance from battery pack to first bulb - 0.3m (approx.)

Distance from first bulb to last bulb - 1.2m (approx.)

All products must be tested. Testing for each product must be agreed with the ASDA development technologist. Please view ASDA test requirements:
Lighting for tests required and applicable legislation